

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

Attorney Docket No.

197106US2RD

First Inventor or Application Identifier

Hiroshi HATTORI, et al.

Title

OBSTACLE DETECTION SYSTEM AND METHOD THEREFOR

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

- ☒ Fee Transmittal Form (e.g. PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. ☒ Specification

Total Pages **114**

3. ☒ Drawing(s) (35 U.S.C. 113) Total Sheets

21

4. ☐ Oath or Declaration

Total Pages

- a. ☐ Newly executed (original or copy)

- b. ☐ Copy from a prior application (37 C.F.R. §1.63(d))
(for continuation/divisional with box 15 completed)

- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named
in the prior application, see 37 C.F.R. §1.63(d)(2) and
1.33(b).

5. ☐ Incorporation By Reference (usable if box 4B is checked)

The entire disclosure of the prior application, from which a copy of the
oath or declaration is supplied under Box 4B, is considered to be part
of the disclosure of the accompanying application and is hereby
incorporated by reference therein.

ACCOMPANYING APPLICATION PARTS

6. ☐ Assignment Papers (cover sheet & document(s))
7. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
8. ☐ English Translation Document (if applicable)
9. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
10. ☐ Preliminary Amendment
11. ☒ White Advance Serial No. Postcard
12. ☐ Small Entity Statement(s) ☐ Statement filed in prior application. Status still proper and desired.
13. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
14. ☒ Other: Notice of Priority, List of Inventors' Names and Addresses

15. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application no.:

Prior application information: Examiner:

Group Art Unit:

16. Amend the specification by inserting before the first line the sentence:

☐ This application is a ☐ Continuation ☐ Division ☐ Continuation-in-part (CIP)
of application Serial No. Filed on

☐ This application claims priority of provisional application Serial No. Filed

17. CORRESPONDENCE ADDRESS



22850

(703) 413-3000

FACSIMILE: (703) 413-2220

Name: Marvin J. Spivak

Registration No.: 24,913

Signature:

C. Irvin McClelland

Date:

9/11/00

Name:

C. Irvin McClelland

Registration No.:

Registration Number 21,124

Docket No. 197106US2RD

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S) Hiroshi HATTORI, et al.

SERIAL NO: New Application

FILING DATE: Herewith

FOR: OBSTACLE DETECTION SYSTEM AND METHOD THEREFOR

jc813 U.S. PTO
09/659815
09/11/00

FEE TRANSMITTAL

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

FOR	NUMBER FILED	NUMBER EXTRA	RATE	CALCULATIONS
TOTAL CLAIMS	38 - 20 =	18	× \$18 =	\$324.00
INDEPENDENT CLAIMS	10 - 3 =	7	× \$78 =	\$546.00
■ MULTIPLE DEPENDENT CLAIMS (If applicable)			+ \$260 =	\$260.00
■ LATE FILING OF DECLARATION			+ \$130 =	\$130.00
BASIC FEE				\$690.00
TOTAL OF ABOVE CALCULATIONS				\$1,950.00
□ REDUCTION BY 50% FOR FILING BY SMALL ENTITY				\$0.00
□ FILING IN NON-ENGLISH LANGUAGE			+ \$130 =	\$0.00
□ RECORDATION OF ASSIGNMENT			+ \$40 =	\$0.00
TOTAL				\$1,950.00

- Please charge Deposit Account No. 15-0030 in the amount of A duplicate copy of this sheet is enclosed.
- A check in the amount of **\$1,950.00** to cover the filing fee is enclosed.
- The Commissioner is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Date: 9/11/00

Marvin J. Spivak

Registration No. 24,913



22850

Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 11/98)

C. Irvin McClelland
Registration Number 21,124

Docket No. 197106US2RD

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Hiroshi HATTORI, et al.

FILING DATE: Herewith

FOR: OBSTACLE DETECTION SYSTEM AND METHOD THEREFOR

LIST OF INVENTORS' NAMES AND ADDRESSES

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

Listed below are the names and addresses of the inventors for the above-identified patent application.

Hiroshi HATTORI Tokyo, Japan

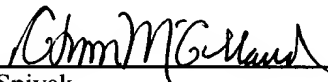
Kazunori ONOGUCHI Tokyo, Japan

Nobuyuki TAKEDA Tokyo, Japan

A declaration containing all the necessary information will be submitted at a later date.

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.



Marvin J. Spivak

Registration No. 24,913

C. Irvin McClelland
Registration Number 21,124



22850

Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 11/98)

09659815 091100



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Hiroshi HATTORI, et al.

GAU:

SERIAL NO: New Application

EXAMINER:

FILED: Herewith

FOR: OBSTACLE DETECTION SYSTEM AND METHOD THEREFOR

REQUEST FOR PRIORITY

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

- ☐ Full benefit of the filing date of U.S. Application Serial Number, filed, is claimed pursuant to the provisions of 35 U.S.C. §120.
- ☐ Full benefit of the filing date of U.S. Provisional Application Serial Number, filed, is claimed pursuant to the provisions of 35 U.S.C. §119(e).
- ☒ Applicants claim any right to priority from any earlier filed applications to which they may be entitled pursuant to the provisions of 35 U.S.C. §119, as noted below.

In the matter of the above-identified application for patent, notice is hereby given that the applicants claim as priority:

<u>COUNTRY</u>	<u>APPLICATION NUMBER</u>	<u>MONTH/DAY/YEAR</u>
Japan	11-255459	September 9, 1999
Japan	11-272577	September 27, 1999
Japan	2000-100784	April 3, 2000
Japan	2000-159177	March 31, 2000

Certified copies of the corresponding Convention Application(s)

- ☐ are submitted herewith
- ☒ will be submitted prior to payment of the Final Fee
- ☐ were filed in prior application Serial No. filed
- ☐ were submitted to the International Bureau in PCT Application Number .
Receipt of the certified copies by the International Bureau in a timely manner under PCT Rule 17.1(a) has been acknowledged as evidenced by the attached PCT/IB/304.
- ☐ (A) Application Serial No.(s) were filed in prior application Serial No. filed ; and
(B) Application Serial No.(s)
 - ☐ are submitted herewith
 - ☐ will be submitted prior to payment of the Final Fee

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Marvin J. Spivak
Registration No. 24,913

C. Irvin McClelland
Registration Number 21,124



22850